

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 20996-0002US1	Application No. 10/596,066
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Geoffrey Brent et al.	
		Filing Date April 12, 2007	Group Art Unit 3641
(37 CFR §1.98(b))			

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	1	5,392,712	02/28/1995	Waldock	102	275.12	
	2	5,585,591	12/17/1996	Waldock	102	202.12	
	3	5,596,164	01/21/1997	Waldock	102	202.9	
	4	6,085,659	07/11/2000	Beukes et al.	102	206	
	5	6,655,289	12/02/2003	Bornheim et al.	102	202.12	

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	6	784685	10/02/2003	AU	F42D	1/04		
	7	2004293486	07/23/2009	AU	F42D	1/02		
	8	2005/052499	06/09/2005	WIPO	F42D	3/04		

Other Documents (include Author, Title, Date, and Place of Publication)

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	9	Bierei, "Arch of Illinois - Look to the Future", Journal of Mining Engineering, pages 1245-1247, October 1993
	10	CIM Bulletin, "The Canadian Mining and Metallurgical Bulletin", page 1, March 1983
	11	Chiappetta, "Choosing The Right Delay Timing For the Blasting Application, Optimization and Maintaining Field Controls", Eighth High Tech Seminar Blasting Technology, Instrumentation and Explosives Applications, Nashville, Tennessee, USA, pages 1-36, July 20 - 24, 1998
	12	Chung et al., "Advanced Blast Modeling for Mining Steeply Dipping Coal Seams", Eighth High Tech Seminar, Blasting Technology, Instrumentation and Explosives Applications, Nashville, Tennessee, pages 1-12, July 20-24, 1998
	13	Chung et al., "Benefits of Using DMC Blast in Open Pit and Underground Mining", Proceedings of the Twenty-Eight Annual Conference on Explosives and Blasting Technique, Las Vegas Nevada, USA, Volume II, International Society of Explosives Engineers, February 10 - 13, 2002
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	15	DYNO Nobel, "Nonel Detonators Timing Sequence Manual", pages 1 - 38, Revised November 6, 2001
	16	Dynococonsult Project Team, "ACARP Project C11051 - Controlling Block Movement of Coal During Overburden Blasting", Phase 2 Interim Report - Rix's Creek Mine, pages 1, March 2003

Examiner Signature	Date Considered
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Substitute Disclosure Form (PTO-1449)

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	17	Edwards et al., "Economics of Blasting Around Steep Dipping Coal Seams at the Mt. Owen Mine", Seventh High Tech Seminar, Blasting Technology, Instrumentation and Explosives Applications, Orlando, Florida, pages 1-36, July 28 – August 1, 1997
	18	Goswami et al., "Practical Aspects of Cast Blasting at Bulga Coal Australia", Proceedings of the Twenty-Fifth Annual Conference on Explosives and Blasting Technique, Nashville, Tennessee, Volume II, pages 1 – 13, February 7 – 10, 1999
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	27	Spathis, "Muckpile Shape Predictions from Measured Burden Velocity Distributions", Proceedings of the Fourth International Symposium on Rock Fragmentation by Blasting – FRAGBLAST-4 Vienna, Austria, Rock Fragmentation by Blasting, pages 233- 238, 1993
	28	Technical Information Services, Technical Information Database – ISEE Proceedings/Abstracts http://isee.org/its/Proceed/General/92gen/92genlist.htm , pages 1-3, July 20, 2010
	29	Williams et al., "Simultaneous Blasting of Multiple Overburden Seams in Surface Coal Mining," International Society of Explosives Engineers, 1992, pages 1-10
	30	Woolf et al., "Strategy, Innovation and Change – Challenging The Future at the Gregg River Mine", Journal of Explosives Engineering, vol. 11, no. 6, pages 8-46, 1994
	31	Paul Harrison, "Statement of Grounds and Particulars", In the Matter of Australian Patent Application No. 2004293486 in the name of Orica Explosives Technology Pty Ltd. And In the Matter of Opposition thereto by Dyno Nobel Inc., 19 pages, October 2, 2009
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Other Documents (include Author, Title, Date, and Place of Publication)		
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	33	"Statutory Declaration of Sarma Kanchibotla", In the Matter of Australian Patent Application No. 2004293486 in the name of Orica Explosives Technology Pty Ltd. And In the Matter of Opposition thereto by Dyno Nobel Inc., 17 pages, October 29, 2010

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /G.K./

Examiner Signature /Gabriel Klein/	Date Considered 05/15/2012
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